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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Tsai et al.

Application Serial No.: 10/623,907

Filed: July 18, 2003

For: High fMax Deep Submicron MOSFET

Patent No.: Unassigned

Issue Date: Unassigned

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the PTO in this matter.

IDENTIFICATION OF ASSIGNEE

2. The assignee of this matter is:

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY
121 Park Ave 3
Science-Based Industrial Park
Hsin-Chu, Taiwan R.O.C.

PERSON AUTHORIZED TO SIGN

3. Daniel R. McClure
Attorney for Assignee

4. A chain of title from the inventor(s) to the current assignee is shown below:

a. From: Chao-Chieh Tsai, Shy-Chyi Wong, Chung-Long Chang
To: Taiwan Semiconductor Manufacturing Company
Recorded in PTO: Reel: 014109 Frame: 0454

DECLARATIONS

5. I, the undersigned, have reviewed all the documents in the chain of title of the

application
 patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.



Daniel R. McClure, Reg. No. 38,962

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Customer No.: 24504

**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**

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Docket No. 252016-2380